

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Vinca minor*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(+)-ISO-EBURNAMINE	Plant	--	--		
0	(+)-QUEBRACHAMINE	Plant	--	--		
0	(-)-1-NORVINCORINE	Leaf	--	--		
0	(-)-16-METHOXY-20-OXO-VINCADIFFORMINE	Plant	--	--		
0	(-)-EBURNAMENINE	Plant	--	--		
0	(-)-EBURNAMINE	Plant	--	--		
0	(-)-EBURNAMONINE	Leaf	--	--		
0	(-)-MINOVINCINE	Shoot	--	--		
0	(-)-VINCADIFFORMINE	Plant	--	--		
0	(DL)-EBURNAMONINE	Plant	--	--		
0	(DL)-VINCADIFFORMINE	Plant	--	--		
0	1,2-DEHYDROASPIDOSPERMIDINE	Plant	--	--		
0	10-METHOXY-DEACETYLAKUAMMILINE	Plant	--	--		
0	10-METHOXY-VELLOSIMINE	Plant	--	--		
0	10-METHOXY-VINCAMIDINE	Shoot	--	--		
0	11-12-DIMETHOXY-EBURNAMONINE	Plant	--	--		
0	11-METHOXY-EBURNAMONINE	Plant	--	--		
0	11-METHOXY-MINOVINCINE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	11-METHOXY-MINOVINCININE	Plant	--	--		
0	11-METHOXY-VINCADIFFORMINE	Plant	--	--		
0	11-METHOXYVINCAMINE	Leaf	--	--		
0	14-EPIVINCAMINE	Plant	--	--		
0	16-EPIVINCAMINE	Plant	--	--		
0	16-METHOXY-20-OXO-1-VINCADIFFORMINE	Leaf	--	--		
0	16-METHOXYSMINOVINCININE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	2-BETA-16-BETA-DIHYDROAKKUAMICINE	Shoot	--	--		
0	2-CARBOXYARABINITOL	Leaf	--	136	-0.46204493279643283	Moore, B. D., Isidoro, E., Seemann, J. R. 1993. Distribution of 2-Carboxyarabinitol Among Plants. <i>Phytochemistry</i> 34 3: 703-707. Dept. Biochem. Univ. Nevada Reno 89557, USA.
0	20-HYDROXYVINCAMINE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	3-BETA-GLUCOSYLOXY-2-HYDROXYBENZOIC-ACID	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	4-METHYL-AKUAMMICINUM-CHLORIDE	Leaf	--	--		
0	4-METHYL-RAUCUBAINIUM-CHLORIDE	Leaf	--	--		
0	4-METHYL-STRICHTAMINIUM-CHLORIDE	Leaf	--	--		
0	5-OXO-MINOVINCINE	Plant	--	--		
2	AKUAMMICINE	Shoot	--	--		
10	AKUAMMIDINE	Plant	--	--		
0	ALKALOIDS	Leaf	1100	70600	4.1343924343866805	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ALKALOIDS	Root	12400	19800	0.04621560563488231	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ALKALOIDS	Plant	--	--		
47	BETA-SITOSTEROL	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CAOUTCHOUC	Leaf	11000	11000	-1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CAOUTCHOUC	Plant	20000	22000	1.3022646364933503	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	CAROTENE	Leaf	1300	1300	0.8123561583434101	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	DAMBONITOL	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	DEACETYLAKUAMMILINE	Plant	--	--		
0	DEHYDROASPIDOSPERMIDINE	Plant	--	--		
0	DELPHINIDIN-3,5-DIGLYCOSIDE	Plant	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	DIMETHOXY-EBURNAMONINE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	EBURNAMENINE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	EBURNAMENINE	Shoot	--	--		
0	EBURNAMINE	Plant	--	--		
2	EBURNAMONINE	Plant	--	--		
0	EPIPLEIOCARPAMINE-N(4)-OXIDE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	EPIPLEIOCARPAMINE-N(4)-OXIDE	Shoot	--	--		
0	EPIVICAMINE	Plant	--	--		
0	EPIVINCAMINE	Plant	--	--		
8	FRUCTOSE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	GENTISINIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	HYDROXY-VINCAMINE	Plant	--	--		
0	INTYBIN	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ISOBURNAMINE	Plant	--	--		
0	ISOEBURNAMINE	Plant	--	--		
0	ISOMAJDINE	Shoot	--	--		
0	ISOVINCAMINE	Leaf	--	--		
0	ISOVINCANOLE	Leaf	--	--		
0	KAEMPFEROL-3-O-ALPHA-L-RHAMNO-GLUCOSYL-7-BETA-D-GALACTOSIDE	Leaf	--	--		
0	KAEMPFEROL-3-O-ALPHA-L-RHAMNO-GLUCOSYL-7-O-BETA-D-GLUCOSIDE	Leaf	--	--		
0	KAEMPFEROL-3-RHAMNOSYLGALACTOSIDE-7-GALACTOSIDE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	L-BORNESITOL	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	L-GLUTAMATE-1-CARBOXYLASE	Leaf	--	--		
0	L-GLUTAMATE-CARBOXYLASE	Leaf	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	LIRIORESINOL-B	Stem	--	--		
0	LOGANIC-ACID	Leaf	--	300		
0	METHOXYMINOVINCINE	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	MINORINE	Plant	--	--		
0	MINOVINCEINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	MINOVINCINE	Leaf	--	--		
0	MINOVINCINE	Plant	--	--		
0	MINOVINCININE	Plant	--	--		
0	MINOVINCININE	Leaf	--	--		
0	MINOVINE	Plant	--	--		
0	MIOVINE	Plant	--	--		
0	MYRICETIN-3-ROBINOBIOSIDE-7-RHAMNOSIDE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	N(1)-METHYL-2BETA,16BETA-DIHYDROAKUAMMICINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	N(4)-METHOCHLORIDE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	N-METHYL-QUEBRACHAMINE	Plant	--	--		
0	N-METHYLASPIDOSPERMIDINE	Plant	--	--		
0	N-METHYLASPIDOSPERMINE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	N-METHYLVINCADIFFORMINE	Plant	--	--		
0	O-PROTOCATECHUIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ORNOL	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
25	P-COUMARIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
13	P-HYDROXY-BENZOIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PERIVINCINE	Plant	--	--		
1	PICRININE	Plant	--	--		
43	PROTOCATECHUIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PUBESCEINE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	QUEBRACHAMINE	Plant	--	--		
0	QUERCETIN-3-O-ALPHA-L-RHAMNO-GLUCOSYL-7-O-BETA-D-GLUCOSIDE	Leaf	--	--		
0	QUERCETIN-3-O-BETA-D-RUTINOSYL-7-O-BETA-D-GLUCOSIDE	Leaf	--	--		
0	QUERCETIN-3-RHAMNOGLUCOSIDE-7-BETA-GLUCOSIDE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	QUERCETIN-3-ROBINOBIOSIDE-7-RHAMNOSIDE	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
32	RESERPINE	Root	--	--		
32	RESERPINE	Plant	--	--		
32	RESERPINE	Leaf	--	--		
10	ROBININ	Flower	4000	4000		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ROBINOSIDE	Flower	4000	4000		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	RUBBER	Plant	--	9700	-0.9986178293325093	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	SAPONIN	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	STRICTAMINE	Plant	--	--		
0	STRICTOSIDINE-GLUCOSIDASE-I	Tissue Culture	--	--		
0	STRICTOSIDINE-GLUCOSIDASE-II	Tissue Culture	--	--		
35	TANNIN	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	TRIACONTANE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
89	URSOLIC-ACID	Leaf	1400	37000	0.4191499049573373	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
89	URSOLIC-ACID	Plant	2400	13400	-0.15575055075682817	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
24	VANILLIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	VENOTERPINE	Shoot	--	--		
0	VICADINE	Plant	--	--		
0	VICAMINOREINE	Plant	--	--		
1	VINCADIIFORMINE	Leaf	--	--		
1	VINCADIIFORMINE	Plant	--	--		
0	VINCADINE	Plant	--	--		
0	VINCAMEDINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	VINCAMENINE	Leaf	--	--		
0	VINCAMIDINE	Plant	--	--		
7	VINCAMINE	Shoot	120	20200		
7	VINCAMINE	Plant	--	--		
7	VINCAMINE	Tissue Culture	--	620		
7	VINCAMINE	Leaf	200	5000		
0	VINCAMININE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	VINCAMINOREINE	Plant	--	--		
0	VINCAMINORIDINE	Plant	--	--		
0	VINCAMINORINE	Leaf	--	--		
0	VINCAMINORINE	Plant	--	--		
0	VINCANOLE	Leaf	--	--		
0	VINCANORINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	VINCAREINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	VINCARORINE	Plant	--	--		
0	VINCARUBINE	Leaf	--	--		
0	VINCARUBINE	Plant	--	--		
0	VINCATINE	Leaf	--	--		
0	VINCATINE	Plant	--	--		
0	VINCESINE	Leaf	--	--		
0	VINCESINE	Plant	--	--		
0	VINCINE	Leaf	--	--		
0	VINCINE	Plant	--	--		
0	VINCININE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	VINCORIDINE	Plant	--	--		
0	VINCORINE	Plant	--	--		
0	VINCOSIDE	Leaf	10000	10000		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	VINCOVINE	Plant	--	--		
8	VINCRISTINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
2	VININE	Plant	--	--		
0	VINOMINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	VINORINE	Plant	--	--		
0	VINOXINE	Plant	--	--		
0	VINTSINE	Plant	--	--		